

To: Mr. Lyndon Ong, OIF TC Chair: Lyong@Ciena.com

Cc:

From: Mr John D' Ambrosia, Chair, IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force; jdambrosia@ieee.org

Subject: Response to May 12, 2008 Letter "OIF Common Electrical I/O – 28 Short Reach Project"

Dear Lyndon,

The IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force met the July 15 – July 17, 2008 week in Denver, Co. The information in this document solely represents the views of IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force and does not necessarily represent a position of either the IEEE or the IEEE Standards Committee.

During the task force meeting, two base line proposals that may be of interest to OIF were adopted that cover: 1) the XLAUI/CAUI PMA Electrical Service Interface, and 2) a PMD Electrical Service Interface. Both are based on multiple lanes of 10Gb/s signaling.

The base line proposals adopted for the copper cable PMD and the copper back plane PMD are also based on multiple lanes of 10Gb/s signaling.

We encourage the OIF to continue efforts in defining the CEI-28G-SR and the CEI-25G-LR that will identify electrical specifications for 25Gb/s electrical signaling. This may be applicable to future implementations of 100GBASE-LR/ER which is based on a four lane 25Gb/s architecture.

Proceedings for the July, 2008, meeting, as well as minutes of other IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force meetings, may be found at: <http://www.ieee802.org/3/ba/public/index.html>

Sincerely,

John D' Ambrosia
Chair, IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force
jdambrosia@ieee.org

